

Lithium Complex Li-Comp Syn 000 NLGI 000 Grease

DIN 51826 GP 000 N-30
ISO/DIS 6743-9 ISO-L-XCDHB 000

Lithium Complex
Synthetic Oil
Linear guide lubrication
Water resistant
Corrosion resistant
Oxidation Resistant



VOLTRONIC® Li-Comp Syn 000 is high performance Lithium Complex grease with synthetic oil. Specially developed for lubrication of rollers in linear guide systems of machine tools and gear lubrication with high mechanical load. Work stable, excellent wear protection, high pressure absorption, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51826 GP 000 N-30 ISO/DIS 6743-9 ISO-L-XCDHB 000
NLGI class DIN 51818	: 000
Appearance	: Yellow
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 380
Oil separation DIN 51817 (%)	: 5
Flow pressure DIN 51805 at -20°C (hPa)	: 300
Operating temperature (°C)	: -30 to 140
Drop point DIN/ISO 2176 (°C)	: >160
VKA welding load DIN 51350 T4 (N)	: 2800
Copper corrosion test 24h/100°C DIN 51811	: 1
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 460
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 465
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for lubrication of rollers in linear guide systems of machine tools and gear lubrication with high mechanical load. Suitable for centralized lubrication system.

Packaging (Kg)

25, 50, 180.

Lithium Complex Li-Comp Syn 00 NLGI 00 Grease

DIN 51826 GP 00 N-30
ISO/DIS 6743-9 ISO-L-XCDHB 00

Lithium Complex
Synthetic Oil
Water resistant
Corrosion resistant
Oxidation Resistant



VOLTRONIC® Li-Comp Syn 00 is high performance Lithium Complex grease with synthetic oil. Specially developed for lubrication of gears with a high mechanical and thermal load, e.g. circular saws, angle grinders etc. It also performs well for roller lubrication of linear guide of machine tools. Work stable, excellent wear protection, high pressure absorption, water resistant, corrosion and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51826 GP 00 N-30 ISO/DIS 6743-9 ISO-L-XCDHB 00
NLGI class DIN 51818	: 00
Appearance	: Yellow
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 200
Oil separation DIN 51817 (%)	: 2.5
Flow pressure DIN 51805 at -25°C (hPa)	: 620
Operating temperature (°C)	: -30 to 150
Drop point DIN/ISO 2176 (°C)	: >180
VKA welding load DIN 51350 T4 (N)	: 2800
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes	: 415 (DIN/ISO 2137)
Worked penetration 0.1 mm, 60000 double strokes	: 430 (DIN/ISO 2137)
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for lubrication of gears with a high mechanical and thermal load, e.g. circular saws, angle grinders etc. Also performs well for roller lubrication of linear guide of machine tools e.g. lubrication system by Vogel or Baier+Köppel (Bekamax). Guarantee continuous uniform lubrication and excellent sealing effect in linear guide to prevent cutting emulsion sipped in and contaminate slide way oil. Also performs well for lubrication of tool guide and stamping machine for car body e.g. Schuler, Müller-Weingarten or Erfurt.

Packaging (Kg)

25, 50, 180.

VOLTRONIC® Grease

Lithium Complex Li-Comp Syn 0 NLGI 0 Grease

DIN 51826 GP 0 N-30
ISO/DIS 6743-9 ISO-L-XCDHB 0

Lithium Complex
EP Lubrication
Excellent Wear protection
Water resistant
Corrosion resistant
Oxidation resistant



VOLTRONIC® Li-Comp Syn 0 is high performance Lithium Complex grease with synthetic oil. Specially developed for lubrication of mechanically extreme pressure gears. Work stable, excellent wear protection characteristic and high pressure absorption. Water resistant, corrosion and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51826 GP 0 N-30 ISO/DIS 6743-9 ISO-L-XCDHB 0
NLGI class DIN 51818	: 0
Appearance	: Yellow
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 320
Oil separation DIN 51817 (%)	: 6.5
Flow pressure DIN 51805 at -30°C (hPa)	: 680
Operating temperature (°C)	: -30 to 150
Drop point DIN/ISO 2176 (°C)	: >190
VKA welding load DIN 51350 T4 (N)	: 2800
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 380
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 400
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for lubrication of mechanically extreme pressure gears. Work stable, excellent wear protection characteristic and high pressure absorption. Excellent Water resistant, corrosion resistant and oxidation resistant.

Packaging (Kg)
25, 50, 180.

Lithium Complex Li-Comp 2 Blue NLGI 2 Grease

DIN 51825 KP 2 N-30
ISO/DIS 6743-9 ISO-L-XCDHB 2

Lithium Complex
Excellent Wear protection
Water resistant
Corrosion resistant
Oxidation resistant



VOLTRONIC® Li-Comp 2 is high performance Lithium Complex grease specially developed for lubrication of roller and slide bearings in generators, electric motors, aerators and etc. It is also used in wheel hubs and release couplings. Excellent wear protection and high pressure absorption. Work stable, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51825 KP 2 N-30 ISO/DIS 6743-9 ISO-L-XCDHB 2
NLGI class DIN 51818	: 2
Appearance	: Blue
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Oil separation DIN 51817 (%)	: 2.7
Flow pressure DIN 51805 at -30°C (hPa)	: 1025
Operating temperature (°C)	: -35 to 150
Drop point DIN/ISO 2176 (°C)	: >220
VKA welding load DIN 51350 T4 (N)	: 3000
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 275
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 290
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.2

Application Special lubricating grease for lubrication of roller and slide bearings in generators, electric motors, aerators and etc. It is also used in wheel hubs and release couplings.

Packaging (Kg)
0.4, 1, 5, 18, 25, 50, 180.

Lithium Complex Li-Comp 3 Blue NLGI 3 Grease

DIN 51825 KP 3 N-30
ISO/DIS 6743-9 ISO-L-XBDHB 3

Lithium Complex
High load application
Excellent wear protection
High EP absorption
Water resistant
Corrosion resistant
Oxidation Resistant



VOLTRONIC® Li-Comp 3 Blue is high performance Lithium Complex grease specially developed for lubrication of mechanically high load roller and slide bearings e.g. wheel hubs and release couplings. Excellent wear protection and high pressure absorption. Work stable, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51825 KP 3 N-30 ISO/DIS 6743-9 ISO-L-XBDHB 3
NLGI class DIN 51818	: 3
Appearance	: Blue
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Oil separation DIN 51817 (%)	: 1.5
Flow pressure DIN 51805 at -20°C (hPa)	: 1100
Operating temperature (°C)	: -20 to 150
Drop point DIN/ISO 2176 (°C)	: >220
VKA welding load DIN 51350 T4 (N)	: 2600
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 240
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 270
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.2

Application Special lubricating grease for lubrication of high mechanically load roller and slide bearings e.g. wheel hubs and release couplings.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Complex Li-Comp NLGI 2 HT Grease

DIN 51825 KPF 2 N-20
ISO/DIS 6743-9 ISO-L-XBDHB 2

Lithium Complex
High mechanical load application
High thermal application
Water resistant
Corrosion resistant
Oxidation Resistant



VOLTRONIC® Li-Comp 2 HT is high performance Lithium Complex grease specially developed for lubrication of high mechanical and thermal load roller and slide bearings. Excellent wear protection and high pressure absorption. Work stable, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51825 KPF 2 N-20 ISO/DIS 6743-9 ISO-L-XBDHB 2
NLGI class DIN 51818	: 2
Appearance	: Beige yellowish
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 500
Oil separation DIN 51817 (%)	: 2.0
Flow pressure DIN 51805 at -20°C (hPa)	: 1100
Operating temperature (°C)	: -20 to 150
Drop point DIN/ISO 2176 (°C)	: >220
VKA welding load DIN 51350 T4 (N)	: 5000
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 300
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.2

Application Special lubricating grease for lubrication of high mechanical and thermal load roller and slide bearings. The product is used successfully in rolling mills for lubrication of roller bearings. It is also suitable for the lubrication of driving chains in industrial machinery. Expect longer post lubrication interval and lower grease consumption.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

VOLTRONIC® Grease

Lithium Complex Li-Comp NLGI 1 HT Grease

DIN 51825 K 1 N-20
ISO/DIS 6743-9 ISO-L-XBDHA 1

Lithium Complex
High mechanical load application
High thermal application
Water resistant
Corrosion resistant
Oxidation resistant



VOLTRONIC® Li-Comp 1 HT is high performance Lithium Complex grease specially developed for lubrication of high mechanical and thermal load roller and slide bearings e.g. steel rolling mill roller bearing as well as spindle gear lifter. Excellent wear protection and high pressure absorption. Work stable, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51825 K 1 N-20 ISO/DIS 6743-9 ISO-L-XBDHA 1
NLGI class DIN 51818	: 1
Appearance	: Brownish
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 500
Oil separation DIN 51817 (%)	: 2.0
Flow pressure DIN 51805 at -20°C (hPa)	: 850
Operating temperature (°C)	: -20 to 150
Drop point DIN/ISO 2176 (°C)	: >220
VKA welding load DIN 51350 T4 (N)	: 2400
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 320
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 340
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.2

Application Special lubricating grease for lubrication of high mechanical and thermal load roller and slide bearings e.g. steel rolling mill roller bearing as well as spindle gear lifter. Expect longer post lubrication interval and lower grease consumption.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Complex Li-Comp NLGI 2 HT Blue Grease

Lithium Complex
High EP application
High thermal application
Excellent Wear protection
Water resistant
Corrosion resistant
Oxidation resistant



VOLTRONIC® Li-Comp 2 HT Blue is high performance Lithium Complex grease specially developed for high extreme pressure and high thermal applications e.g. for truck axle. Excellent wear protection and high pressure absorption. Work stable, water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

NLGI class DIN 51818	: 2
Appearance	: Blue
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 240
Operating temperature (°C)	: -30 to 150
Drop point DIN/ISO 2176 (°C)	: >250
VKA welding load DIN 51350 T4 (N)	: 2800
EMCOR corrosion test DIN 51802	: 0/0
Copper corrosion test 24h/100°C DIN 51811	: 1
Flow pressure DIN 51805	: 1375
Worked penetration 0.1 mm, 60000 double strokes	: 310 (DIN/ISO 2137)
Water resistance DIN 51807 T1	: 1
FE 8 (Cage) at 120°C DIN 51819-2	: 39
FE 8 (Bearings) at 120°C DIN 51819-2	: 7
FE 9 (F10) Test at 140°C DIN 51821-2 (hours)	: 178
FE 9 (F50) Test at 140°C DIN 51821-2 (hours)	: 230.5

Application Special lubricating grease for heavy duty truck axle.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LS 0 NLGI 0 Grease

DIN 51826 GP 0 K-40
ISO/DIS 6743-9 ISO-L-XDCHB 0

Lithium Soap
Excellent wear protection
Water resistant
Corrosion resistant
Oxidation Resistant



VOLTRONIC® Lithium soap LS 0 is high performance Lithium soap grease specially developed for gears lubrications. Due to its soft consistency the grease is suitable for automatic centralized lubrication system and long lubrication line. Work stable, excellent wear protection characteristic and high mechanical load capacity. Water resistant, corrosion resistant and oxidation resistant.

Typical characteristic

Grease classification	: DIN 51826 GP 0 K-40 ISO/DIS 6743-9 ISO-L-XDCHB 0
NLGI class DIN 51818	: 0
Appearance	: Smooth, brownish.
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Oil separation DIN 51817 (%)	: 3.0
Operating temperature (°C)	: -40 to 120
Drop point DIN/ISO 2176 (°C)	: >170
VKA welding load DIN 51350 T4 (N)	: 2600
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.25
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 370
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 400
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for gears lubrications. Due to its soft consistency the grease is suitable for automatic centralized lubrication system and long lubrication line. Work stable, excellent wear protection characteristic and high mechanical load capacity. Water resistant, corrosion resistant and oxidation resistant.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LS 283 Grease

DIN 51825 KP 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 2

Lithium Soap
High mechanical load application
Wide range service temperature
Comply to MAN 283 Li-P 2 grease



VOLTRONIC® Lithium soap LS 283 is high performance Lithium soap lubricating grease developed for lubrication of slide and roller bearings, even for those with quite high sliding friction in motor vehicles, construction, agricultural and all kind of industrial machineries in a wide range service temperature. Comply to MAN norm 283 Li-P 2 standard. High mechanical load capacity and water resistant. Suitable for central lubrication system with progressive distributors.

Typical characteristic

Grease classification	: DIN 51825 KP 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 2
NLGI class DIN 51818	: 2
Appearance	: Smooth, brownish
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Oil separation DIN 51817 (%)	: 5.0
Flow pressure at -35°C DIN 51805 (hPa)	: 1150
Operating temperature (°C)	: -35 to 130
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 2600
EMCOR corrosion test DIN 51802	: 0/0
Copper corrosion test DIN 51811	: 1
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 295
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for lubrication of slide and roller bearings, even for those with quite high sliding friction in motor vehicles, construction, agricultural and all kind of industrial machineries in wide range service temperature. Comply to MAN norm 283 Li-P 2 standard. Suitable for central lubrication system with progressive distributors.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

VOLTRONIC® Grease

Lithium Soap LS W NLGI 2 Grease

DIN 51825 KF 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHA 2

Lithium Soap
With supplementary solid lubricant
Special Metal and plastic gears lubrication
Excellent wear protection
Excellent corrosion protection



VOLTRONIC® Lithium soap LS W is high performance multipurpose Lithium soap lubricating grease with solid lubricant. Developed for lubrication of slide and roller bearings. Water resistant, excellent wear protection and excellent corrosion protect.

Typical characteristic

Grease classification	: DIN 51825 KF 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHA 2
NLGI class DIN 51818	: 2
Appearance	: Smooth, white
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 110
Flow pressure at -30°C DIN 51805 (hPa)	: 800
Operating temperature (°C)	: -30 to 120
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 1600
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 300
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Multipurpose lubricating grease for roller and slide bearings e.g. the materials handling packaging technology in food and pharmaceutical industry (without contact to the product), lubrication of e.g. friction brakes in doors, electric window lifters and assembly aids as well as for the fastening technology. It is also used for plastic gear wheels lubrication in power transmission engineering, e.g. paper shredders, printers or for the assembling of chuck screws or clamping-spindle lubrication. The product is also used for the separating lubrication against friction corrosion and as sealing or parting grease for seal assembly. Also used as sliding plastic or metal guides lubricating grease.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap CLA 00 NLGI 00 Grease

DIN 51826 GP 00 K-40
ISO/DIS 6743-9 ISO-L-XDCHB 00

Lithium Soap
Good wear protection
Water resistant
Oxidation resistant
Corrosion resistant
Barium-Chlorine-Lead free
Excellent pumpable at low temperature



VOLTRONIC® Lithium soap CLA 00 is high performance Lithium soap lubricating grease specially developed for central lubrication system as well gear lubrication. Work stable, water resistant, oxidation resistant and corrosion resistant. Barium-Chlorine-Lead free. Offer good wear protection.

Typical characteristic

Grease classification	: DIN 51826 GP 00 K-40 ISO/DIS 6743-9 ISO-L-XDCHB 00
NLGI class DIN 51818	: 00
Appearance	: Smooth, light green
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 68
Flow pressure at -35°C DIN 51805 (hPa)	: 50
Operating temperature (°C)	: -40 to 120
Drop point DIN/ISO 2176 (°C)	: >160
VKA welding load DIN 51350 T4 (N)	: 2400
EMCOR corrosion test DIN 51802	: 0/0
Copper corrosion test DIN 51811	: 1
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 430
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 440
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1
Elastomer hardness change test DIN 53505 (Sha)	: -2
Elastomer volume change test DIN/ISO 1817 (%)	: +6.8

Application Special lubricating grease Barium-Chlorine-Lead free grease for central lubrication system as well as gear lubrication system. Excellent pumpable even at low temperature.

Packaging (Kg)

25, 50, 180.

Lithium Soap LS MO 2 NLGI 2 Grease

DIN 51825 KPF 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 2

Lithium Soap
With supplement solid lubricant
Wide range service temperature
High mechanical load carrying capacity
Water resistant
Corrosion resistant
Suitable for impact load, vibration and oscillating movements



VOLTRONIC® Lithium soap LS MO 2 grease is high performance lubricating grease specially developed for sliding and roller bearings, also for comparatively high sliding friction. Suitable for all kind of industrial machinery and used in wide range service temperature. High mechanical load carrying capacity and water resistant.

Typical characteristic

Grease classification	: DIN 51825 KPF 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 2
NLGI class DIN 51818	: 2
Appearance	: Black
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Flow pressure at -35°C DIN 51805 (hPa)	: 1100
Oil separation DIN 51817 (%)	: 4.0
Operating temperature (°C)	: -35 to 130
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 4200
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 300
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for sliding and roller bearing lubrication, also for those comparatively high sliding friction. Suitable for all kind industrial machinery where in wide range service temperature. With supplement solid lubricant improve pressure absorption capacity and provide emergency running property. Suitable for impact load, vibration and oscillating movements. Furthermore is used for lubrication and as anti corrosion agent in the production of steel wire ropes.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LSU 2 NLGI 2 Grease

DIN 51825 KPF 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 2

Lithium Soap
High mechanical load application
Wide range service temperature
Oxidation resistant
Water resistant



VOLTRONIC® Lithium soap LSU 2 grease is high performance lubricating grease specially developed for slide and roller bearings, also for comparatively high sliding friction. Suitable for all kind of industrial machinery and used in wide range service temperature. Work stable, oxidation resistant and water resistant.

Typical characteristic

Grease classification	: DIN 51825 KPF 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 2
NLGI class DIN 51818	: 2
Appearance	: Black, smooth fibrous texture
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 110
Flow pressure at -30°C DIN 51805 (hPa)	: 850
Oil separation DIN 51817 (%)	: 5.0
Operating temperature (°C)	: -30 to 130
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 3000
EMCOR corrosion test DIN 51802	: 0/0
Copper corrosion test DIN 51811	: 1
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 310
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for lubrication of slide and roller bearings, also for those with comparatively high sliding friction. It is suitable for all kinds of industrial machines and can be used in a wide service temperature range. Supplementary solid lubricant components improve the pressure absorption capacity and give emergency running properties. Therefore, Grease LSU 2 is also suitable in case of impact load, vibrations and oscillating movements.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

VOLTRONIC® Grease

Lithium Soap LS 2 EP+ (Plus) NLGI 2 Grease

Lithium Soap
Special grease for tapered and spherical roller bearings



VOLTRONIC® Lithium soap LS 2 EP+ is high performance lubricating grease specially developed for slide and roller bearings even those with a quite high part of sliding friction e.g. tapered or spherical roller bearings where impact loads and oscillations occurs.

Typical characteristic

NLGI class DIN 51818	: 2
Appearance	: Brown, smooth
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Flow pressure at -25°C DIN 51805 (hPa)	: 700
Operating temperature (°C)	: -30 to 130
Drop point DIN/ISO 2176 (°C)	: >180
VKA welding load DIN 51350 T4 (N)	: 2600
Timken OK load ASTM D 2509 (lbs)	: 40
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.3
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 300
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for slide and roller bearings lubrication even those with a quite high part of sliding friction e.g. tapered or spherical roller bearings where impact loads and oscillations occurs.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LS 2 EP NLGI 2 Grease

DIN 51825 KP 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 2

Lithium Soap
High mechanical load capacity
Water resistant
The quality corresponds to VW TL 735



VOLTRONIC® Lithium soap LS 2 EP is high performance lubricating grease specially developed for slide and roller bearings with quite high sliding friction e.g. for motor vehicle, equipments and machineries for construction, agriculture, mining, forestry and industries. Suitable for use in central lubrication system. High mechanical load capacity and water resistant. The quality corresponds to the requirement of VW TL 735 standard grease.

Typical characteristic

Grease classification	: DIN 51825 KP 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 2
NLGI class DIN 51818	: 2
Appearance	: Brownish, smooth
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Flow pressure at -30°C DIN 51805 (hPa)	: 850
Oil separation DIN 51817 (%)	: 4.0
Operating temperature (°C)	: -30 to 130
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 2600
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 295
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for slide and roller bearings with quite high sliding friction e.g. for motor vehicles, equipments and machineries for construction, agriculture, mining, forestry and industry. Suitable for use in central lubrication system. High mechanical load capacity and water resistant. The quality corresponds to the requirement of VW TL 735 standard grease.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LS 3 EP NLGI 3 Grease

DIN 51825 KP 3 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 3

Lithium Soap
With range operating temperature
High mechanical load capacity
Water resistant
Made to corresponds to VW TL 735X norm



VOLTRONIC® Lithium soap LS 3 EP is high performance lubricating grease specially developed for slide and roller bearings lubrication even at quite high sliding friction especially used for transport rollers and wheels. Made to corresponds to VW standard TL 735 X. Suitable for all kind of motor vehicles and machineries for construction, agricultural, mining, forestry and industry where in wide range operating temperature. High mechanical load capacity and water resistant. Suitable for used in central lubrication system.

Typical characteristic

Grease classification	: DIN 51825 KP 3 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 3
NLGI class DIN 51818	: 3
Appearance	: Brownish, smooth
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Flow pressure at -30°C DIN 51805 (hPa)	: 1100
Oil separation DIN 51817 (%)	: 1.5
Operating temperature (°C)	: -30 to 130
Drop point DIN/ISO 2176 (°C)	: 190
VKA welding load DIN 51350 T4 (N)	: 2600
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 240
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 255
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for slide and roller bearings lubrication even at quite high sliding friction especially used for transport rollers and wheels. Made to corresponds VW standard TL 735 X. Suitable for all kind of motor vehicles and machineries for construction, agricultural, mining, forestry and industries where in wide range operating temperature. Suitable for used in central lubrication system.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Lithium Soap LS 1 EP NLGI 1 Grease

DIN 51825 KP 1 K-40
ISO/DIS 6743-9 ISO-L-XDCHB 1

Lithium Soap
High mechanical load capacity
Water resistant
Oxidation resistant
Excellent corrosion protection



VOLTRONIC® Lithium soap LS 1 EP is high performance lubricating grease specially developed for slide and roller bearings e.g. for motor vehicles, equipments and machineries for construction, agriculture, mining, forestry and industries. Suitable for use in central lubrication system. Work stable, high mechanical load capacity, water resistant, oxidation resistant and excellent corrosion protection.

Typical characteristic

Grease classification	: DIN 51825 KP 1 K-40 ISO/DIS 6743-9 ISO-L-XDCHB 1
NLGI class DIN 51818	: 1
Appearance	: Yellow-brownish, smooth
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Flow pressure at -40°C DIN 51805 (hPa)	: 500
Oil separation DIN 51817 (%)	: 8.0
Operating temperature (°C)	: -40 to 120
Drop point DIN/ISO 2176 (°C)	: >180
VKA welding load DIN 51350 T4 (N)	: 2400
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 320
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 330
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for slide and roller bearings e.g. for motor vehicles, equipments and machineries for construction, agriculture, mining, forestry and industries. Suitable for use in central lubrication system. Work stable, high mechanical load capacity, water resistant, oxidation resistant and excellent corrosion protection.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

VOLTRONIC® Grease

Lithium Soap LS CENTRAL NLGI 00 Grease

Lithium Soap
Specially developed to meet specification
MB 264.0 and Bielomatik
Special grease for central lubrication system
Excellent pumpable at super low temperature



VOLTRONIC® Lithium soap LS Central is high performance lubricating grease specially developed to meet specification of MB 264.0 and Bielomatik. Specially developed for central lubrication system as well as for gears lubrication. Excellent pumpable even at super low temperature.

Typical characteristic

OEM compliance	: Mercedes-Benz MB 264.0 Bielomatik central lubrication system
NLGI class DIN 51818	: 00
Appearance	: Light green, smooth
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 68
Oil separation DIN 51817 (%)	: 8.5
Operating temperature (°C)	: -40 to 120
Drop point DIN/ISO 2176 (°C)	: >160
VKA welding load DIN 51350 T4 (N)	: 2600
Copper corrosion test DIN 51811	: 1
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 5000 double strokes DIN/ISO 2137	: 430
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: 0.1

Application Special lubricating grease for central lubricating grease meets specification MB 264.0 and Bielomatik. Specially developed for central lubrication system as well as for gears lubrication. Excellent pumpable even at super low temperature.

Packaging (Kg)

25, 50, 180.

Lithium Soap LS FM 2 NLGI 2 Grease

DIN 51825 KP 2 K-30
ISO/DIS 6743-9 ISO-L-XCCHB 2

Lithium Soap
With supplementary solid lubricant
High mechanical load capacity
Wide range operating temperature
Water resistant



VOLTRONIC® Lithium soap LS FM 2 is high performance lubricating grease specially developed for slide and roller bearings with quite high sliding friction e.g. for motor vehicles, equipments and machineries for construction, agriculture, mining, forestry and industry where in wide range operating temperature. High mechanical load capacity and water resistant.

Typical characteristic

Grease classification	: DIN 51825 KP 2 K-30 ISO/DIS 6743-9 ISO-L-XCCHB 2
NLGI class DIN 51818	: 2
Appearance	: Black
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 100
Flow pressure at -30°C DIN 51805 (hPa)	: 850
Oil separation DIN 51817 (%)	: 4.0
Operating temperature (°C)	: -30 to 130
Drop point DIN/ISO 2176 (°C)	: >180
VKA welding load DIN 51350 T4 (N)	: 3400
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.2
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 300
Water resistance DIN 51807 T1	: 1
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for slide and roller bearings with quite high sliding friction e.g. for motor vehicles, equipment and machinery for construction, agriculture, mining, forestry and industry. Supplementary solid lubricant improve pressure absorption capacity and give emergency running properties. Suitable for impact load, vibration and oscillating movements.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Sodium Soap S 2 NLGI 2 Grease

DIN 51825 K 2 H-20
ISO/DIS 6743-9 ISO-L-XBBBA 2

Sodium Soap
Thermally influenced application
Good adhesive strength
Good pressure absorption
Excellent corrosion protection



VOLTRONIC® Sodium Soap S 2 is high performance lubricating grease specially developed for used in thermally influenced roller and slide bearings which not exposed to steam or water. Good adhesive strength, good pressure absorption capacity and excellent corrosion protection.

Typical characteristic

Grease classification	: DIN 51825 K 2 H-20 ISO/DIS 6743-9 ISO-L-XBBBA 2
NLGI class DIN 51818	: 2
Appearance	: Brown, long fibred
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Oil separation DIN 51817 (%)	: 4.0
Operating temperature (°C)	: -20 to 110
Drop point DIN/ISO 2176 (°C)	: 170
VKA welding load DIN 51350 T4 (N)	: 2200
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.3
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 280
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 340
Water resistance DIN 51807 T1	: 3
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubrication grease used in thermally influenced roller and slide bearings which not exposed to steam or water. Good adhesive strength, good pressure absorption capacity and excellent corrosion protection.

Packaging (Kg)

0.4, 1, 5, 18, 25, 50, 180.

Sodium Soap S N 0 EP NLGI 0 Grease

DIN 51826 GP 0 F-20
ISO/DIS 6743-9 ISO-L-XBBBB 0

Sodium Soap
For slow running mechanical gears



VOLTRONIC® Sodium Soap S N 0 EP is high performance lubricating grease specially developed for use in slow running mechanical gears which not oil-proof e.g. rotary harrows. Blended with special EP additives.

Typical characteristic

Grease classification	: DIN 51826 GP 0 F-20 ISO/DIS 6743-9 ISO-L-XBBBB 0
NLGI class DIN 51818	: 0
Appearance	: Brown
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Oil separation DIN 51817 (%)	: 1.5
Operating temperature (°C)	: -20 to 90
Drop point DIN/ISO 2176 (°C)	: >140
VKA welding load DIN 51350 T4 (N)	: 2400
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.3
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 370
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 420
Water resistance DIN 51807 T1	: 3
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for use in slow running mechanical gears which not oil-proof e.g. rotary harrows. Blended with special EP additives.

Packaging (Kg)

025, 50, 180.

VOLTRONIC® Grease

Sodium Soap S N 00 EP NLGI 00 Grease

DIN 51826 GP 00 F-20
ISO/DIS 6743-9 ISO-L-XBBBB 00

Sodium Soap
Semi liquid texture
Blended with special EP additives
For slow running mechanical gears



VOLTRONIC® Sodium Soap S N 00 EP is high performance lubricating grease specially developed for use in slow running mechanical gears which not oil-proof e.g. rotary harrows. Semi liquid texture grease, blended with special EP additives.

Typical characteristic

Grease classification	: DIN 51826 GP 00 F-20 ISO/DIS 6743-9 ISO-L-XBBBB 00
NLGI class DIN 51818	: 00
Appearance	: Brown
Base oil viscosity at 40°C DIN 51562 (mm ² /s)	: 220
Oil separation DIN 51817 (%)	: 2.0
Operating temperature (°C)	: -20 to 90
Drop point DIN/ISO 2176 (°C)	: 150
VKA welding load DIN 51350 T4 (N)	: 2400
EMCOR corrosion test DIN 51802	: 0/0
Oxidation resistance 100°C/100h DIN 51808 (bar)	: 0.3
Worked penetration 0.1 mm, 60 double strokes DIN/ISO 2137	: 420
Worked penetration 0.1 mm, 60000 double strokes DIN/ISO 2137	: 460
Water resistance DIN 51807 T1	: 3
Water content DIN 51777 T1 (%)	: <0.1

Application Special lubricating grease for use n slow running mechanical gears which not oil-proof e.g. rotary harrows. Semi liquid texture grease, blended with special EP additives.

Packaging (Kg)

25, 50, 180.



VOLTRONIC
Schmierstoffe Deutschland®

DOWN TIME
IS NOT AN OPTION !

Introducing

VOLTRONIC®
Industrial and Professional Series
Lubricants and Cleaners

VOLTRONIC
Schmierstoffe Deutschland®

- Chain Lube
- Compressor Oil
- Gear Oil
- Hydraulic Oil
- Industrial Cleaner
- Industrial Spray Lube
- Slideway Oil

IX50 Adhesive Lube

Rost-off+ Spec-II

For wet and dusty environments
 Very adhesive to metal
 Excellent lubricity
 Heavy duty application
 Excellent water resistant
 Excellent oxidation resistant
 Excellent corrosion protection



VOLTRONIC® IX50 Adhesive Lube is high performance industrial and professional series multipurpose lubricating spray lube. Specially designed for use in industrial wet and dusty environments as well for high speed motorcycle chain lube.

Features

- Special developed for wet and dusty environments.
- Excellent working penetration.
- Very adhesive to metal.
- Excellent corrosion protection.
- Excellent water resistant

Application Special multipurpose spray lubricant for wet and dusty environments for use in industrial, machineries, equipments, motor vehicles, off-shore, off-road, forest. Specially developed for open lubrication where continuously expose to dusts and water e.g. coal mining, cement mill, high speed motorcycle chain, vehicles under-carriage joint and suspension and etc.

Packaging (Litre)

400 ml aerosol

Chainsaw Lube SKM-BIO

SKM-BIO Sägekettenöl

Biodegradable
 Heavy duty



VOLTRONIC® Chainsaw Lube SKM-BIO is high performance highly refined biodegradable mineral based chainsaw lubricating oil. Specially developed for heavy duty application and environment conscious.

Features

- Biodegradable.
- Good adhesive to metal.
- Excellent wear protection.
- Excellent anti-fling behavior.

Application Environment conscious biodegradable chainsaw lubricating oil.

Packaging (Litre)

1, 5, 25, 60, 200, 1000

Chainsaw Lube SKM

SKM Sägekettenöl

Heavy duty



VOLTRONIC® Chainsaw Lube SKM is high performance highly refined mineral based chainsaw lubricating oil. Specially developed for use in heavy duty chainsaw lubrication.

Features

- Good adhesive to metal.
- Excellent wear protection.
- Excellent anti-fling behavior.

Application Chainsaw lubricating oil.

Packaging (Litre)

1, 5, 25, 60, 200, 1000

VOLTRONIC® VDL Compressor Oil

DIN 51506 VDL

For screw and reciprocating compressor
Excellent demulsification
Excellent air release
Excellent aging resistant
Excellent wear protection



VOLTRONIC® VDL Compressor oil is high performance mineral based compressor oil specially developed for screw and reciprocating compressors.

Features

- Excellent demulsification.
- Excellent air release.
- Excellent aging resistant.
- Excellent wear protection.

Standard Part no.

VDL 32
VDL 46
VDL 68
VDL 100
VDL 150

Packaging (Litre)

25, 60, 200.

VOLTRONIC® CLP Industrial Gear Oil

DIN 51717 Part 3 CLP
ISO 12925 Part 1

Mineral based
Excellent anti-aging stability
Excellent high load carrying capacity
Excellent anti-wear property
Operating temperature up to 100 °C



VOLTRONIC® CLP Industrial Gear Oil is high performance high refined mineral oil based gear oil specially developed for lubrication of close type and circulation industrial gears e.g. helical, spur, bevel and or worm gears, roller and ball bearing. Excellent anti-aging stability, excellent high load carrying capacity and excellent anti-wear property. High thermal operating temperature up to 100 °C.

Standard Part no.

CLP 10
CLP 68
CLP 100
CLP 150
CLP 220
CLP 320
CLP 460
CLP 680

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® CLP-LL Industrial Gear Oil

DIN 51717 Part 3 CLP-LL
ISO 12925 Part 1

PAO based
Excellent anti-aging stability
Excellent high load carrying capacity
Excellent anti-wear property
Operating temperature -30°C to 120°C.



VOLTRONIC® CLP-LL Industrial Gear Oil is high performance fully synthetic PAO based gear oil specially developed for the lubrication of close type and circulation industrial gears e.g. helical, spur, bevel and or worm gears, roller and ball bearing. Excellent anti-aging stability, excellent high load carrying capacity and excellent anti-wear property. Wide range operating temperature -30°C to 120°C.

Standard Part no.

CLP 10 LL
CLP 68 LL
CLP 100 LL
CLP 150 LL
CLP 220 LL
CLP 320 LL
CLP 460 LL
CLP 680 LL

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HLP Hydraulic Oil

DIN 51524 Part 2 HLP
High EP
VI > 100
Pressure > 100 bar



VOLTRONIC® HLP Hydraulic Oil is high performance hydraulic fluid specially developed with special anti-corrosion, anti-wear, anti-aging and high EP additives. Viscosity Index > 100 and extreme pressure absorption > 100 bar.

Standard part no.

HLP 10
HLP 15
HLP 22
HLP 32
HLP 46
HLP 68
HLP 100

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HLP-D Hydraulic Oil

DIN 51524 Part 2 HLP-D
High EP
High detergent
VI > 100
Pressure > 100 bar



VOLTRONIC® HLP-D Hydraulic Oil is high performance hydraulic fluid specially developed for severe operation. Blend with special additives of high detergent, corrosion prevention, anti-wear, anti-aging and high EP. Viscosity Index > 100 and extreme pressure absorption > 100 bar.

Standard part no.

HLP-D 10
HLP-D 15
HLP-D 22
HLP-D 32
HLP-D 46
HLP-D 68
HLP-D 100

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HVLP-D Hydraulic Oil

DIN 51524 Part 2 HVLP-D
High EP,
High detergent
High VI
VI > 140
Pressure > 100 bar



VOLTRONIC® HVLP-D Hydraulic Oil is high performance hydraulic fluid with high VI (viscosity index) and high detergent specially developed for severe operation. Blend with special additives of corrosion prevention, anti-wear, anti-aging and high EP. Viscosity Index > 140 and extreme pressure absorption > 100 bar.

Standard part no.

HVLP-D 10
HVLP-D 15
HVLP-D 22
HVLP-D 32
HVLP-D 46
HVLP-D 68
HVLP-D 100

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HVLP Hydraulic Oil

DIN 51524 Part 3 HVLP
 High EP
 High VI
 VI > 140
 Pressure > 100 bar



VOLTRONIC® HVLP Hydraulic Oil is high performance hydraulic fluid with high VI (viscosity index) specially developed for severe operation. Blend with special additives of corrosion prevention, anti-wear, anti-aging and high EP. Viscosity Index > 140 and extreme pressure absorption > 100 bar.

Standard part no.

HVLP 10
 HVLP 15
 HVLP 22
 HVLP 32
 HVLP 46
 HVLP 68
 HVLP 100

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HLP-BIO Hydraulic Oil

DIN 51524 Part 2 HLP-BIO
 Biodegradable Class 1
 High EP
 Ester based (HEES)
 High detergent
 VI > 100
 Pressure > 100 bar



VOLTRONIC® HLP-BIO Hydraulic Oil is high performance fully synthetic ester base (HEES) biodegradable class 1 high EP hydraulic oil specially developed for environment conscious. Blend with special additives of corrosion prevention, anti-wear, anti-aging and high EP. Viscosity Index > 100 and extreme pressure absorption > 100 bar.

Standard part no.

HLP-BIO 10
 HLP-BIO 15
 HLP-BIO 22
 HLP-BIO 32
 HLP-BIO 46
 HLP-BIO 68
 HLP-BIO 100

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® HLP-ZAF Hydraulic Oil

DIN 51524 Part 2 HLP-ZAF
Zinc-Ash free
High EP
VI > 100
Pressure > 100 bar



VOLTRONIC® HLP-ZAF Hydraulic Oil is high performance hydraulic oil specially developed with Zinc-Ash free properties. Blend with special additives of corrosion prevention, anti-wear, anti-aging and high EP. additive for excellent extreme pressure Viscosity index > 100 and extreme pressure absorption > 100 bar.

Standard Part no.

HLP 22 ZAF
HLP 32 ZAF
HLP 46 ZAF
HLP 68 ZAF
HLP 100 ZAF

Packaging (Litre)

25, 60, 200, 1000, 24000

VOLTRONIC® HLP-D ZAF Hydraulic Oil-

DIN 51524 Part 2 HLP-D-ZAF
Zinc-Ash free
High EP
High detergent
VI > 100
Pressure > 100 bar



VOLTRONIC® HLP-D ZAF Hydraulic Oil is high performance hydraulic oil with Zinc-Ash free and high detergent properties. Blend with special additives of high detergent, corrosion prevention anti-wear, anti-aging and high EP. Viscosity Index > 100 and extreme pressure absorption > 100 bar.

Standard Part no.

HLP-D 22 ZAF
HLP-D 32 ZAF
HLP-D 46 ZAF
HLP-D 68 ZAF
HLP-D 100 ZAF

Packaging (Litre)

25, 60, 200, 1000, 24000

VOLTRONIC® IX66-BIO

Biodegradable degreaser
 Water based
 Non-acid
 Non-lye



VOLTRONIC® M66 Power Clean is high performance biodegradable water based degreaser specially developed for environmental conscious. It doesn't contains acid or lye. Works excellently and safely on many applications.

Application area and Usage direction (dilution ratio to water)

Industries and Automotive › Clean and degrease engine bay (1:5), clean transportation wax/coating for PDI center (1:2 to 1:5), degrease wheel and rims (1:5), car wash with water jet machine (1:100), remove grease and oil stain on workshop floor, tiles, toilet (1:5), clean dirt on carpet, plastic or vinyl interior (1:50), clean and wash tarpaulin and cabriolet cover (1:10), clean glass and interior (1:300) and etc. Observe cleaning time, e.g. some area take 5 to 10 minutes solving time depending on the dirt condition, If in doubt, check material compatibility in an inconspicuous area.

Household, swimming pool, sauna › Degrease and clean kitchen floor, tiles, toilet, cooker hood (1:10), clean barbeque pit (1:5), clean sauna pit (1:50), clean swimming pool, sauna and patio area (1:50), clean carpet, plastic, vinyl (1:50), clean glass, window, refrigerator and interior (1:300).

Butchery and slaughter house › Degrease and clean kitchen floor, tiles, toilet (1:8), clean carpet, plastic, vinyl (1:50), clean glass, window and interior (1:300).

Restaurant, bakeries › Degrease and clean kitchen floor, tiles, toilet (1:10), clean carpet, plastic, vinyl (1:20), clean glass, window and interior (1:300).

Building maintenance › Degrease and clean floor, tiles, toilet (1:20), clean carpet, plastic, vinyl (1:30), clean glass, window and interior (1:300).

Oil rig and mining › Degrease and clean floor deck (1:5 to 1:10).

Hospital, clinic and canteen › Degrease and clean wards, kitchen, toilet floor and tiles (1:10).

Packaging (Litres)

25 Jerry can and 200 HDPE drums.

VOLTRONIC® IX60 Universal Cleaner

Biodegradable
Photodegradable
Fast evaporation
Completely evaporate
No left residue



VOLTRONIC® IX60 Universal Cleaner is high performance biodegradable and photodegradable degreaser specially developed for environment conscious. Powerful degreasing power and completely evaporate without left residue. Endorsed by many professional engineer, works excellently in many applications area.

Features

- Powerful degreasing and solving power.
- Biodegradable and photodegradable.
- Fast and completely evaporate without left residual.

Application area

- Brake cleaner.
- Air-mass sensor cleaner.
- Throttle body cleaner.
- Electronic safe cleaner.
- Engine and parts degreaser.
- Gearbox parts degreaser.
- Multipurpose degreaser for hobbyist.

Packaging (Litre)

400 ml aerosol, 25 , 200 and 1000.

VOLTRONIC® IX69 Industrial Cleaner

Biodegradable
Photodegradable
Completely evaporate
No left residue



VOLTRONIC® IX69 Universal Cleaner is high performance biodegradable and photodegradable degreaser specially developed for environment conscious. Powerful degreasing power and completely evaporate without left residue. Endorsed by many professional engineer, works excellently in many applications area.

Features

- Powerful degreasing and solving power.
- Biodegradable and photodegradable.
- Completely evaporate without left residual.

Application area

- Sticker adhesive remover.
- Silicone remover.
- Throttle body cleaner.
- Electronic safe cleaner.
- Engine and parts degreaser.
- Gearbox parts degreaser.
- Multipurpose degreaser for hobbyist.

Packaging (Litre)

400 ml aerosol, 25 , 200 and 1000.

VOLTRONIC® IX10 Anti-Seize Spray

Aluminium fortified
 Excellent anti-seize capability
 Excellent corrosion prevention
 Excellent metal bonding
 Working temperature -60°C to +1200°C



VOLTRONIC® IX10 Anti-Seize Spray is high performance industrial class anti-seize spray, specially developed with aluminium-fortified formula for excellent anti-seize capability and wide range working temperature 60°C to +1200°C.

Features

- Aluminium fortified.
- Excellent anti-seize capability.
- Excellent corrosion prevention.
- Wide range working temperature -60°C to +1200°C.
- Excellent metal bonding.
- Water-proof and salt-proof.

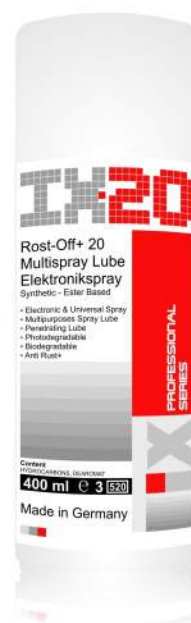
Application Multipurpose Anti-Seize Spray for industries and automotive in thermal influence environments, e.g. widely use for brake system lubrication to eliminate brake noise, hinges of boiler or furnace, chain conveyor lubrication for oven, also use anti-seize for vehicles spark plugs, glow plugs, lambda sensors, sport rims bolts or nuts and etc.

Packaging (Litre)

400 ml aerosol, 200, 1000.

VOLTRONIC® IX20 Rost-Off+

Electronic Spray and Multipurpose
 Spray Lube
 Electronic safeguard spray
 Excellent lubricity
 Excellent works penetration
 Excellent corrosion prevention
 Excellent water resistant



VOLTRONIC® IX20 Rost-Off+ is high performance industrial class electronic safeguard spray and multipurpose spray lube. Endorsed by many professional engineer for its capabilities.

Features

- Electronic spray and multipurpose spray lube in one package.
- Electronic safeguard.
- Excellent lubricity.
- Excellent works penetration.
- Excellent corrosion prevention.
- Excellent water resistant.

Application Industries, automotive, households, hobbyist and etc. General purposes spray for mechanisms lubricity, anti-corrosion prevention, penetration lubricant (e.g. bolt and nut loosener) and electronic disturbance prevention.

Packaging (Litre)

400 ml aerosol, 200, 1000.

VOLTRONIC® IX22 Rost-Off

Multipurpose Spray Lube
 Excellent lubricity
 Excellent works penetration
 Excellent corrosion prevention
 Excellent water resistant



VOLTRONIC® IX22 Rost-Off is high performance multipurpose spray lube specially developed for excellent lubricity, corrosion prevention, works penetration and water resistant capabilities.

Features

- Multipurpose spray lube.
- Excellent lubricity.
- Excellent works penetration.
- Excellent corrosion prevention.
- Excellent water resistant.

Application Industries, automotive, households, hobbyist and etc. General purposes spray for mechanisms lubricity, anti-corrosion prevention and penetration lubricant.

Packaging (Litre)

400 ml aerosol, 200, 1000.

VOLTRONIC® IX50 Adhesive Lube Rost-Off Spec-II

Multipurpose spray lube for wet and dusty environment
Excellent metal bonding
Excellent corrosion protection
Excellent water resistant
Excellent oxidation resistant
Water-proof and salt-proof



VOLTRONIC® M50 Adhesive Lube is high performance industrial grade professional series multi purpose lubricating spray lube specially developed for open type lubrication in wet and dusty environment. Endorsed by many professional engineer for wide range of application area.

Features

- Special lubricant for wet and dusty environment.
- Excellent metal bonding.
- Excellent works penetration.
- Excellent corrosion protection.
- Excellent oxidation resistant.
- Excellent water resistant, it won't wash away by water.

Application area

Oil rig, drilling, mining, industries, offshore, off-road usage for general purposes mechanicals lubrication and corrosion prevention e.g. high tension bolt and nut, wire ropes, valves, important and critical metal parts, hinges, crimp-lock, release coupling, metal clamps, tools, and etc.

Automotive usage for high speed motorcycles chain lubrication (O-Ring or X-Ring chain), general purpose mechanicals lubrication e.g. bolt and nut, hinges, clamps, joint, sleeve and important critical metal parts. Also widely use for car under-carriage suspension and joint.

Hobbyist and professional engineer usage for general purpose mechanicals lubrication and corrosion protection. Specially for open type lubrication which expose to wet and dusty environment (e.g. fishing reel and equipment, boat and yacht equipment, mountain bike chain and brake cables, motorcycle chain, clutch and brake cables, RC cars and etc.

Packaging

400 ml aerosol

VOLTRONIC® CGLP Slideway Oil

DIN 51517 CGLP
For high precision machining



VOLTRONIC® CGLP Slideway Oil is high performance slideway oil specially developed for lubrication of high accuracy heavy loaded slide way drive of tools table feeding table, vertical slide in high precision machining machine. Manufactured in accordances to DIN 51517 CGLP.

Features

- Good adhesive and wetting behaviour.
- Excellent low friction.
- Stick-slip free at high load and low speed.
- Excellent oxidation resistant.
- Excellent extreme pressure stable resistant.
- Excellent anti-wear, prevent from scuffing
- Excellent coolant repellent.
- Excellent corrosion protection.
- Low odor behavior.

Standard Part no.

CGLP 68
CGLP 220

Packaging (Litre)

25, 60, 200, 1000, 24000.

VOLTRONIC® ISO VG Slideway Oil

ISO VG standard Slideway Oil
For high precision machining



VOLTRONIC® ISO VG Slideway Oil is high performance slideway oil specially developed for lubrication of high accuracy heavy loaded slideway drive of tools table, feeding table and vertical slide in high precision machining machine. Manufactured in accordances to ISO VG standard.

Features

- Good adhesive and wetting behaviour.
- Excellent low friction.
- Stick-slip free at high load and low speed.
- Excellent oxidation resistant.
- Excellent extreme pressure stable resistant.
- Excellent anti-wear, prevent from scuffing
- Excellent coolant repellent.
- Excellent corrosion protection.
- Low odor behavior.

Standard Part no.

ISO VG 150 Slideway Oil
ISO VG 220 Slideway Oil
ISO VG 320 Slideway Oil
ISO VG 460 Slideway Oil

Packaging (Litre)

25, 60, 200, 1000, 24000.









Index page

VOLTRONIC official logo	1	10W30 AG STOU - 10W40 AG STOU - 15W40 AG STOU	55	Additives - E59 Motor Schutz (Ceramic)	109
VOLTRONIC official logo	2	15W40 AG STOU - 20W50 AG STOU	56	Additives - E70 Oil Stop Leak	110
Impressum	3	2T M - 2T S - 2T RS	57	Additives - AT10 AT Flush - AT20 AT Protect	111
Impressum	4	5W40 RS 4T - 5W40 TSZ 4T - 10W40 TSZ 4T	58	Additives - PS10 PS Flush - PS20 PS Protect	112
Campaign	5	20W50 Z 4T mineral - 20W50 Z 4T fully syn	59	Additives - R10 Radiator Flush - R20 Radiator Stop Leak	113
Campaign	6	2T M Outboard - BIO 3 2T	60	Car Care and Maintenance Products	114
Campaign	7	ATF Automatic-Transmission-Fluid	61	M10 Anti-Seize Spray - M20 Multipurpose Spray Lube	115
Approval and accreditation	8	ATF 4K	62	M30 Cockpit Spray - M40 Rubber Spray - M50 Adhesive Lube	116
MB 229.3 approval	9	ATF 9K - 9K2	63	M60 Universal Cleaner - M62 Clean and Protect	117
MB 229.51 approval	10	ATF 9K4 - 9K5 LV - 9K6	64	M66 Power Clean - M67 Windshield Washer Fluid - M68	118
MB 325.0 approval	11	ATF 9K6 LV - 9K8 LV	65	M70 Rubber and plastic protect - M80 Ultra gloss polish - M82	119
BMW Longlife-04 approval	12	ATF DCG DSG - CVT 3	66	M90 Leather cleaner - M91 Leather Protect - AC20 Air-con	120
VW 50200 and 50500 approval	13	Centralize Hydraulic and Power Steering Fluid	67	AC21 Air-condition cleaner - AC22 Air-condition cleaner	121
VW 50400 and 50700 approval	14	ZH M Spec I - ZH M Spec II A - ZH M Spec II B	68	E60 Throttle body cleaner - T50 Tire foam - GP10 Rainmaster	122
VOLVO VDS-3 approval	15	ZH M Spec II C - ZH LHM+ (Plus)	69	UBS-B Undercoat - UBS R Undercoat	123
VOLVO VDS-3 approval	16	ZH M Spec III	70	Grease	124
VOLVO VDS-4 approval	17	Gear oil - 75W90 EX - 75W90 HCLS	71	Grease - Bentonite MoS2 - Ca S Comp2	125
DEXOS-1 approval	18	Gear oil - 75W90 RLS - 80W90 MX - 80W90 HXC	72	Grease - Ca S Comp 2 DW - Ca S Marine NLGI 1-2	126
DEXOS-2 approval	19	Gear oil Hypoid EP - 85W90 MX - 85W90 LS - 75W140	73	Grease - Marine adhesive NLGI 0 - Marine HT NLGI 1-2	127
DEXOS-2 approval	20	Gear oil Hypoid EP - 85W140 EXT	74	Grease - Calcium soap Ca 2 - Ca Syn2	128
TPMS TÜV approval	21	Brake Fluid	75	Grease - Ecogrease Ca Ester 2 - Ca Syn 2	129
TÜV approval 10W40 HCO	22	Brake Fluid - DOT 4	76	Grease - Ecogrease Li Ester 2 - Li Ester 00	130
TÜV approval 5W40 OEM	23	Brake Fluid - DOT 4 LV	77	Grease - Ecogrease Ca R2 - Lithium Complex Li Comp Syn 2	131
TÜV approval 5W30 HCFE	24	Brake Fluid - DOT 4 Super	78	Grease - Lithium Complex - Li Comp Syn 000 - Li Comp Syn 00	132
TÜV approval D12 Diesel Multi-Reiniger	25	Brake Fluid - DOT 5.1	79	Grease - Lithium Complex - Li Comp Syn 0 - Li Comp 2 Blue	133
TÜV approval E59 Motor Schutz Keramik	26	Brake Fluid - ERBP	80	Grease - Lithium Complex - Li Comp 3 Blue - Li Comp NLGI 2 HT	134
TÜV approval G30 Octane Booster+ (Plus)	27	Brake Fluid - Compatibility	81	Grease - Lithium Complex - Li Comp NLGI 1 HT - Li Comp 2 HT Blue	135
DIN EN ISO 9001:2008 accreditation	28	Brake Fluid - Change interval	82	Grease - Lithium Soap - LS 0 - LS 283	136
DIN EN ISO 14001:2007 accreditation	29	Brake Fluid - Change interval	83	Grease - Lithium Soap - LS W - CLA 00	137
LVM Product Liability Insurance	30	Brake Fluid - Change interval	84	Grease - Lithium Soap - LS 2 EP+ (Plus) - LS2 EP	138
Product group overview	31	Anti-freeze Coolant	85	Grease - Lithium Soap - LS MO 2 - LSU 2	139
Packaging standard HDPE	32	Anti-freeze Coolant R30 (G11)	86	Grease - Lithium Soap - LS 3 EP - LS 1 EP	140
Packaging standard metal canister and drum	33	Anti-freeze Coolant (G12+)	87	Grease - Lithium Soap - LS Central - LS FM 2	141
Packaging standard aerosol	34	Anti-freeze Coolant R34 (G12++)	88	Grease - Sodium Soap - S 2 - S N 0 EP	142
Packaging standard flexi tank	35	Anti-freeze Coolant R36 (G13)	89	Grease - Sodium Soap - SN 00 EP	143
Packaging standard steel drum	36	Anti-freeze Coolant premix R31 (G11)	90	Industrial and Professional Series	144
Motor Oil	37	Anti-freeze Coolant premix R33 (G12+)	91	Industrial and Professional Series	145
Motor Oil	38	Anti-freeze Coolant premix R35 (G12++)	92	IX50 Adhesive Lube - SKM BIO - SKM	146
Touring NA - Touring Turbo - 0W20 EC Ester	39	Anti-freeze Coolant premix R37 (G13) - R38 Competition	93	Compressor Oil VDL	147
0W30 RS - 0W40 RS - 5W20 EC	40	Anti-freeze Coolant - Technical	94	Industrial Gear Oil - CLP - CLP LL	148
5W30 DLS C3 - 5W30 HCFE - 5W30 HCFO	41	Anti-freeze Coolant - Technical	95	Hydraulic Oil - HLP - HLP D - HVLP D	149
5W30 HCO - 5W30 LL Spec III - 5W30 LV Spec III	42	Additives	96	Hydraulic Oil - HVLP - HLP BIO	150
5W30 MDPF - 5W30 RS C1 - 5W30 RS C2	43	Additives - E20 Engine Flush	97	Hydraulic Oil - HVLP ZAF - HLPD ZAF	151
5W30 RS C3 - 5W30 RS C4 - 5W30 RS F	44	Additives - E40 Hydraulic Tapet Cleaner	98	Industrial Cleaner - IX66 BIO	152
5W30 RS GM - 5W40 OEM - 5W40 RS	45	Additives - G20 Valve and Injector Cleaner	99	Industrial Cleaner - IX60 - IX69	153
5W4- RS PD - 10W40 HCO - 10W40 GTS	46	Additives - G62 EQ Intake System Cleaner	100	Industrial Lube Spray - IX10 - IX20 - IX 22	154
10W40 MF GT - 15W40 HCO - 15W40 HD Turbo	47	Additives - G30 Octane Booster+ (Plus)	101	Industrial Lube Spray - IX50	155
15W40 MF GT - 20W50 HD Turbo - 20W50 MF GT	48	Additives - D12 Diesel Multi-Reiniger	102	Industrial Lube - Slideway Oil CGLP - ISO VG	156
10W60 X-TREME - 15W60 X-TREME - GranTurismo C+	49	Additives - D22 Diesel System Schutz	103	International Trade Show - Automechanika Shanghai 2013	157
Super GranTurismo C+ - Drift - Rallye	50	Additives - D25 Diesel Anti-Freeze	104	International Trade Show - Automechanika Dubai 2014	158
GranTurismo C+ 24h Stamina	51	Additives - EURO 4 5 6 engines	105	International Trade Show - Capas Chengdu 2014	159
5W30 TS PAO - 10W40 HCLA - 10W40 TSLA	52	Additives - EURO 4 5 6 engines	106	International Trade Show - Automechanika Frankfurt 2014	160
10W40 TS - 15W40 TS - 20W50 TS	53	Additives - E50 Motor Schutz (Molybdenum Complex)	107	Index page	161
10W60 GTT C+ - 15W60 GTT C+	54	Additives - E55 Visco+ (Pus) Oil Booster	108	Disclaimer	162

**Terms and Conditions
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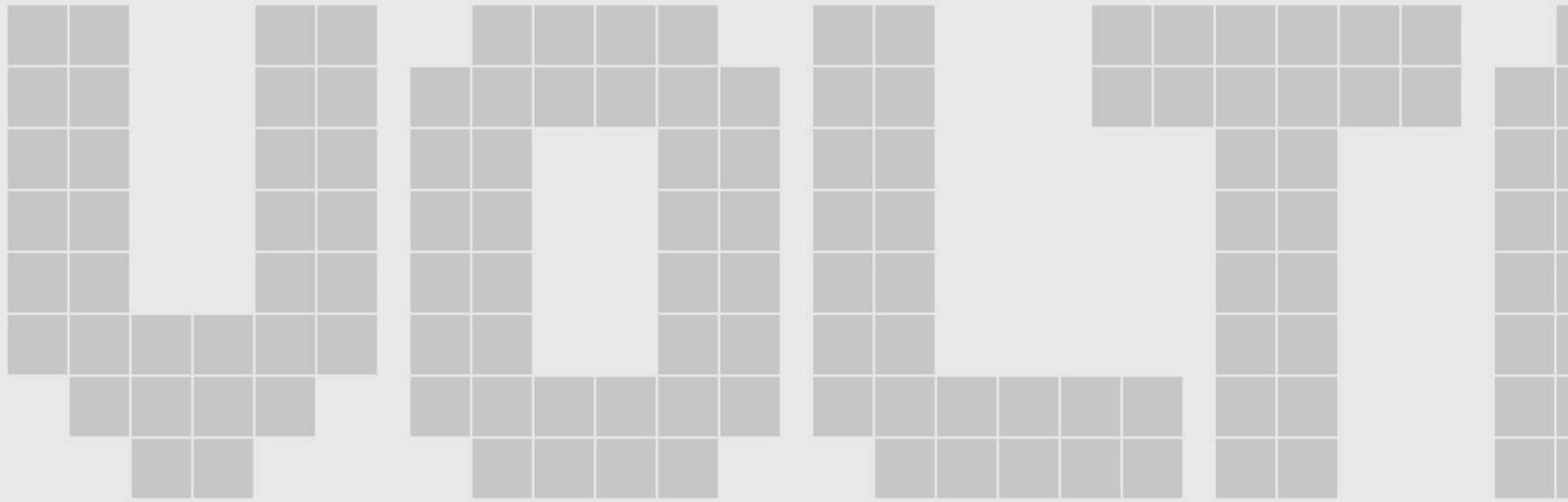
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